

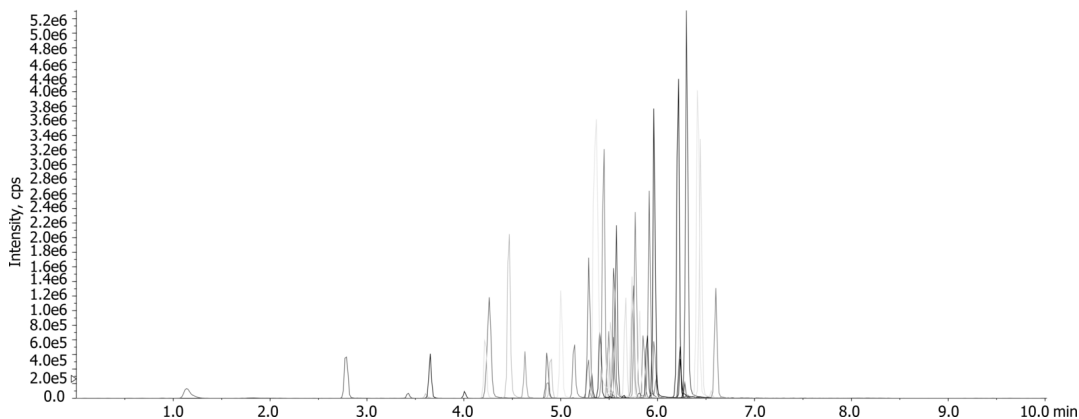
**Cannabis pesticide screening using Kinetex 2.6um Polar C18 50x4.6mm****Column:** Kinetex® 2.6 µm Polar C18 100 Å, LC Column 50 x 4.6 mm, Ea**Dimensions:** 50 x 4.6 mm ID**Order No:** 00B-4759-E0**Elution Type:** Gradient**Eluent A:** 5mM Ammonium Formate + 0.1% formic acid in water**Eluent B:** 5mM Ammonium Formate + 0.1% formic acid in Methanol 98:2

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 90    | 10    |
|                   | 2        | 1          | 90    | 10    |
|                   | 3        | 4.3        | 20    | 80    |
|                   | 4        | 8.7        | 5     | 95    |
|                   | 5        | 10.5       | 5     | 95    |
|                   | 6        | 10.6       | 90    | 10    |
|                   | 7        | 16         | 90    | 10    |

**Flow Rate:** 0.4 mL/min**Col. Temp.:** 40 °C**Detection:** Tandem Mass Spec (MS-MS) @ (ambient)**Detector Info:** <a target="\_blank"

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href="https://sciex.com/products/mass-spectrometers?utm\_campaign=2019%20application%20search&amp;utm\_source=phenomenex&amp;utm\_medium=referral"&gt;SCIEX&lt;

**Products used in this application:**

## Cannabis pesticide screening using Kinetex 2.6um Polar C18 50x4.6mm

### ANALYTES:

|    |                     |    |                      |
|----|---------------------|----|----------------------|
| 1  | Acephate            | 41 | Oxamyl               |
| 2  | Acequinocyl         | 42 | Paclobutrazol        |
| 3  | Acetamiprid         | 43 | Parathion-methyl     |
| 4  | Aldicarb            | 44 | Permethrin, cis-     |
| 5  | Avermectin B1a      | 45 | Permethrin, trans-   |
| 6  | Avermectin B1b      | 46 | Phosmet              |
| 7  | Azoxystrobin        | 47 | Piperonyl butoxide   |
| 8  | Bifenazate          | 48 | Prallethrin          |
| 9  | Bifenthrin          | 49 | Propiconazole        |
| 10 | Boscalid            | 50 | Propoxure            |
| 11 | Carbaryl            | 51 | Pyrethrins Cinerin   |
| 12 | Carbofuran          | 52 | Pyrethrins Jasmolin  |
| 13 | Chlorantraniliprole | 53 | Pyrethrins Pyrethrin |
| 14 | Chlorpyrifos        | 54 | Pyridaben            |
| 15 | Clofentezine        | 55 | Spinosyn A           |
| 16 | Cyfluthrin          | 56 | Spinosyn D           |
| 17 | Cypermethrin        | 57 | Spiromesifen         |
| 18 | Daminozide          | 58 | Spirotetramat        |
| 19 | Diazinon            | 59 | Spiroxamine          |
| 20 | Dichlorvos          | 60 | Tebuconazole         |
| 21 | Dimethoate          | 61 | Thiacloprid          |
| 22 | Ethoprophos         | 62 | Thiamethoxam         |
| 23 | Etofenprox          | 63 | Trifloxystrobin      |
| 24 | Etoxazole           | 64 | Uniconazole          |
| 25 | Fenoxycarb          |    |                      |
| 26 | Fenpyroximate       |    |                      |
| 27 | Fipronil            |    |                      |
| 28 | Fipronil NH4        |    |                      |
| 29 | Flonicamid          |    |                      |
| 30 | Fludioxinil         |    |                      |
| 31 | Hexythiazox         |    |                      |
| 32 | Imazalil            |    |                      |
| 33 | Imidacloprid        |    |                      |
| 34 | Kresoxim-methyl     |    |                      |
| 35 | Malathion A         |    |                      |
| 36 | Metalaxyl           |    |                      |
| 37 | Methiocarb          |    |                      |
| 38 | Methomyl            |    |                      |
| 39 | Myclobutanil        |    |                      |
| 40 | Naled               |    |                      |

